

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 02060438  
PUBLICATION DATE : 28-02-90

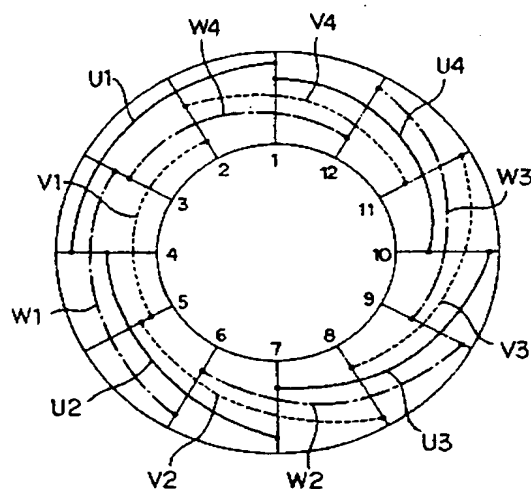
APPLICATION DATE : 23-08-88  
APPLICATION NUMBER : 63209128

APPLICANT : TOSHIBA CORP;

INVENTOR : SUGINO HIROTOSHI;

INT.CL. : H02K 3/28

TITLE : LAP WINDING METHOD



ABSTRACT : PURPOSE: To reduce dimensions of coil end by containing two continuous coils in slots.

CONSTITUTION: First coil of continuous U-phase coil is contained in slots 1 and 4 to provide coil U1. First coil of continuous W-phase coil is contained in slots 3 and 6 to provide coil W1. Then second coil of the continuous U-phase coil is inverted and contained in slots 4 and 7 to provide coil U2. First coil of continuous V-phase coil is contained in slots 5, 8 to provide coil V2 while the second coil of continuous W-phase coil is inverted and contained in slots 6, 7 to provide coil W2. Other continuous coils are contained similarly in slots to form U3, V3, W3, U4, V4, W4 coils. After the coil W4 is contained, the second coil which makes pair with V4 coils is inverted and contained in slots 2, 5 to provide V1 coil.

COPYRIGHT: (C)1990,JPO&Japio